



M30850T2-EPBM

MCU Board for Replacing M30850T2-EPB, M30850T3-CPE and M30850T2-CPE

User's Manual

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1. Outline

The M30850T2-EPBM is an MCU board for replacing the emulation probe M30850T2-EPB and the compact emulator M30850T3-CPE for the M32C/80, 84, 85, 86 and 8A Groups, or the compact emulator M30850T2-CPE for the M32C/84, 85 and 86 Groups.

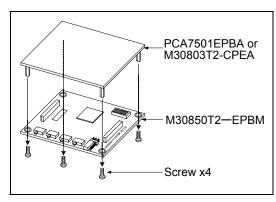
2. Components

Package components

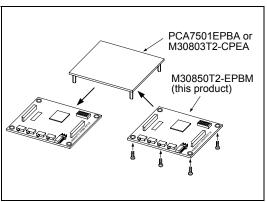
Description	Quantity
M30850T2-EPBM MCU board for replacing the M30850T2-EPB, the M30850T3-CPE and the M30850T2-CPE	1
M30850T2-EPBM User's manual (This manual)	1
M30850T2-EPBM User's manual (Japanese)	1

3. Replacing the MCU Board

How to replace the MCU board is shown in Figure 3.1.



- (1) Unscrew the four screws included with the M30850T2-EPB, the M30850T3-CPE or the M30850T2-CPE.
- (2) Pull out the M30850T2-EPBM from the PCA7501EPBA of the M30850T2-EPB, or from the M30803T2-CPEA of the M30850T3-CPE or the M30850T2-CPE. Note that pull them out vertically, otherwise the connectors may be damaged.



- (3) Attach the new M30850T2-EPBM to the PCA7501EPBA of the M30850T2-EPB, or to the M30803T2-CPEA of the M30850T3-CPE or the M30850T2-CPE. The connecting directions are as follows -With the M30850T2-EPB PCA7501EPBA J3 connector to M30850T2-EPBM J1 connector PCA7501EPBA J4 connector to M30850T2-EPBM J2 connector.
 - PCA7501EPBA J4 connector to M30850T2-EPBM J2 connector -With the M30850T3-CPE or the M30850T2-CPE M30803T2-CPEA J3 connector to M30850T2-EPBM J1 connector
- M30803T2-CPEA J4 connector to M30850T2-EPBM J2 connector
- (4) Tighten the four screws in an even, crisscross pattern to secure the new M30850T2-EPBM with a screwdriver.
- (5) After replacing the board, perform the self-check to make sure that it has been installed properly. For details on the self-check, refer to the user's manual of each product.

Figure 3.1 Replacing the MCU board

4. Applicable Emulator Debugger for this product

[M30850T2-EPB]

- (1) M32C PC7501 emulator debugger V.1.00 Release 00 or later
- (2) M3T-PD308F V.3.20 Release1 or later

[M30850T2-CPE]

- (1) M32C compact emulator debugger V.1.00 Release 01 or later
- (2) M3T-PD308MF V.1.00 Release01 or later

[M30850T3-CPE]

(1) M32C compact emulator debugger V.1.02 Release 00 or later

5. Precautions

⚠ CAUTION

Cautions to Be Taken for Handling This Product:



- Before you replace the MCU board, shut off the power, otherwise internal circuits may be damaged.
- Insert or pull out the MCU board vertically, otherwise the connectors may be damaged.
 For the M30850T2-EPB, after replacing the MCU board, be careful about the direction for connecting to the PC7501.

IMPORTANT

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 \bullet For inquiries about this product or the contents of this manual, contact your local distributor. Renesas Tools Homepage http://www.renesas.com/tools